

HUBUNGAN ANTARA PENGGUNAAN MODA TRANSPOR DENGAN PERTUMBUHAN EKONOMI SEKTORAL DI JAWA TIMUR

Achmad Muslim Hamzens

Staf Pengajar Program Pasca Sarjana Fakultas Ekonomi Universitas Airlangga

ABSTRACT

The purposes of this study are (1) to prove that there are two links between the use of mode of land transport and sectoral economic growth in East Java, and (2) to explain the existence of the links in terms of type and nature of relationship and the degree of their close correlation.

This study applied the pattern of retrospective observational research with cross sectional and time series approaches. The data used in the research was the selective secondary data from several competent institutions, e.g. Transportation and Communication Department, Statistics Central Bureau, East Java Provincial Agencies, Railway State Enterprise and River, Lake and Ferry Transport State Enterprise.

The analysis based on relevant theories, that are: (1) Alfred Weber's theory on industrial with minimum cost, (2) Wilkinson Index, (3) Location Quotient Method, (4) Relationship analysis which was helped by Pearsonian Coefficient Correlation Formula and SPSS for Windows, (5) The density of good and passenger movement on the road transportation network, (6) Terms of efficiency, and (7) Wilkinson criteria.

It could be concluded that the link between the Use of Mode of Land Transport and Sectoral Economic Growth in East Java obviously existed mutual and significant relationship with specification as: a. The type of links: in the shape of a two way symmetrical relationship; b. The nature of relationship : positive influence to each other; c. The degree of close correlation : (1) $r = + 0,965$; sign.: 0,008; (2) $r = + 0,909$; sign. : 0,037.

Key Words: Modes of Transport and Economic Growth.

1. PENDAHULUAN

Penggunaan moda transpor dan kegiatan ekonomi merupakan dua variabel yang saling berkaitan. Hubungan keterkaitan antara keduanya bersifat saling membutuhkan dan saling mendorong kemajuan satu sama lain, ibarat "ayam dan telur", sehingga sulit dibedakan mana *penyebab* dan mana *akibat*. Pendek kata, tiada transportasi tanpa kegiatan ekonomi; sebaliknya kegiatan ekonomi menjadi tidak bermakna tanpa kehadiran transportasi.

Meski keberadaan transportasi sudah setua usia peradaban umat manusia, namun fungsinya tetap konsisten sepanjang masa, yaitu sebagai "*jembatan penghubung*" dalam